INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Dean of Faculty Affairs Office
KANPUR- 208016

Advt. No. DF-1/2012

IIT Kanpur an institute of national importance invites applications from Indian Nationals for the following posts on **regular/ deputation/ contractual basis**. Reservation will be applicable as per Government of India norms.

Last date for receipt of application form is 30.4.2012

Filled in application form along with all relevant documents should be forwarded through proper channel to Dean, Faculty Affairs, Room No. 263, Faculty Building, IIT Kanpur - 208016

S. No.	Posts	Pay Scales	Grade Pay
1.	Principal Research Engineer/ Senior Research Engineer	PB-4 (Rs. 37400-67000)/ PB-3 (Rs. 15600-39100)	Rs. 8900/ Rs. 7600
2.	Principal Scientific Officer/ Senior Scientific Officer/ Scientific Officer (Grade-I)/ Scientific Officer (Grade-II)	PB-4 (Rs. 37400-67000)/ PB-3 (Rs. 15600-39100)	Rs. 8900/ Rs. 7600/ Rs. 6600/ Rs. 5400
3.	Computer Engineer (Grade- I)	PB-3 (Rs. 15600-39100)	Rs. 6600
4.	Computer Engineer (Grade- II)	PB-3 (Rs. 15600-39100)	Rs. 5400

Date: 03.4.2012

Dean of Faculty Affairs

Indian Institute of Technology Kanpur
Dean of Faculty Affairs

Required Educational Qualification and Experience

For S. No. 1

a) **Principal Research Engineer**

Essential Qualification and Experience: M. Tech + 13 years relevant experience or Ph. D + 8 years experience.

b) **Senior Research Engineer**

Essential Qualification and Experience: M. Tech + 10 years relevant experience.

Desirable Qualification and Experience: Ph.D. in Engineering (Materials, Electrical/ Electronics, Chemical) or Physics with a minimum of 5 years experience in Organics Electronics. At least 3 years of this experience should be in industry. Extensive experience of fabrication, Characterization and Building prototypes using organic semiconductor devices such as organic light emitting diodes, organic thin film transistors, organic solar cell etc. The industrial experience should include development of market-ready prototypes and conducting feasibility studies for their Commercialization.

For S. No. 2

a) **Principal Scientific Officer**

Essential Qualification and Experience: M. Tech + 13 years relevant experience or Ph. D + 8 years experience.

b) **Senior Scientific Officer**
Essential Qualification and Experience: Ph.D. +3 years experience (for candidate with science background) or M. Tech +8 years experience (for candidate with engineering background).

c) **Scientific Officer (Gr-I/Gr-II)**

Essential Qualification and Experience: Ph.D. +3 years experience or M. Tech +8 years experience in Nanoscience and Nanotechnology Research.

Desirable Qualification and Experience *for two of these above Scientific Officer posts:* five years experience in managing Research laboratories having class 1000 clean rooms and hands-on working knowledge of equipment used for Nanotechnology research such as SEM, AFM, RAMAN, XRD, SAX, etc.

Or

Experience in Nano/Micro fabrication using various lithography techniques such as Photolithography, Nano-imprint lithography, thin film preparation using thermal, sputtering and PECVD. Experience in using various characterization tools such as Ellipsometry, Spectrometry and Optical Profilometry is preferred.

Desirable Qualification and Experience for one of these above Scientific officer posts: Ph.D in Environmental or analytical Chemistry with at least five years post –Ph.D research experience in Environmental remediation and Analytical measurement. Hands-on working knowledge of Advanced Materials synthesis techniques such as electrospinning and CVD. Experience in analytical instruments such as ICPMS, GCMS, and IC also required.

For S. No. 3

a) **Computer Engineer (Grade I)**

Essential Qualification and Experience: M.Tech. + 3 years experience or B.Tech. + 5 years experience or M.C.A. + 7 years experience.

Desirable Qualification and Experience: Degree in Computer Science and Engineering preferred. Expertise in Unix, Linux, Windows, Networking, RDBMS, Mail & Web Services, High Performance Computing. Experience of System/Database/Network analysis, development and administration is desirable.

For S. No. 4

a) **Computer Engineer (Grade II)**

Essential Qualification and Experience:
M. Tech in the relevant area or B. Tech + 2 years experience or M.C.A. + 4 years experience.

Desirable Qualification and Experience for 04 (four) positions: Degree in Computer Science and Engineering preferred. Expertise in Unix, Linux, Windows, Networking, RDBMS, Mail & Web Services, High Performance Computing. Experience of System/Database/Network analysis, development and administration is desirable.

Desirable Qualification and Experience for 01 (one) position: Besides the minimum qualification and experience given above, expertise in the system administration in Unix/ Linux, RDBMS, experience of system analysis/ design, good command on Java, JSP.

Notes:

1. *Mere eligibility will not entitle any candidate for being called for interview.*

2. *Applicants should write on top of the envelope " The Post applied for ....." and the Advertisement number..*

3. *The requirements of minimum qualification and/or experience may be relaxed in the case of candidates with outstanding credentials.*

4. *Reservations as per G.O.I. norms.*

5. *The Institute reserves the right to withdraw any advertised post(s) at any time without assigning any reason.*

6. *Applicant not found suitable for higher positions may be considered for lower positions in the same area of specialization.*

7. *The filled in application form along with all the relevant certificates regarding qualification and experience should be sent to "The Dean of Faculty Affairs office, IIT Kanpur 208016" on or before **30.04.2012**.*